ABSTRACT OF DISCLOSURE

A method for modifying the surface of a solid material and a surface-modified solid material are provided, where an excellent adhesion strength between the surface of the solid material and any of coating films made of various UV-curing resins or the like can be obtained. In other words, it is attained by carrying out a silicatizing flame treatment on the surface of the solid material by wholly or partially blowing a flame of a fuel gas containing a specific silicon-containing compound having a flash point of 0 to 100°C and a boiling point of 105 to 250°C, such as hexamethyldisilazane, vinyltrimethoxysilane, trifuloropropyl trimethoxysilane, 3-chloropropyl trimethoxysilane and the like.